OM protein - protein search, using sw model

Run on: April 4, 2005, 12:43:09 ; Search time 92.5 Seconds
(without alignments)
1294.108 Million cell updates/sec

Title: US-10-086-181-2
Perfect score: 361
Sequence: 1 MSPECARAAGDAPLRSLEQA.....KGAILTDTSVKRNDLSIISG 361

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 1413372 seqs, 331592847 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1413372

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
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17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	361	100.0	361	10	US-09-992-331-2	Sequence 2, Appli
2	361	100.0	361	13	US-10-015-498-2	Sequence 2, Appli
3	361	100.0	361	13	US-10-086-181-2	Sequence 2, Appli

4	361	100.0	361	14	US-10-077-698-1	Sequence 1, Appli
5	361	100.0	361	14	US-10-171-027-1	Sequence 1, Appli
6	361	100.0	361	14	US-10-075-987-1	Sequence 1, Appli
7	358	99.2	361	9	US-09-995-225-8	Sequence 8, Appli
8	358	99.2	361	10	US-09-995-225-8	Sequence 8, Appli
9	300	83.1	300	14	US-10-077-698-6	Sequence 6, Appli
10	300	83.1	300	14	US-10-075-987-6	Sequence 6, Appli
11	240	66.5	360	14	US-10-262-313-2	Sequence 2, Appli
12	240	66.5	360	16	US-10-768-878-2	Sequence 2, Appli
13	189	52.4	221	14	US-10-116-252-12	Sequence 12, Appl
14	189	52.4	221	14	US-10-017-161-1810	Sequence 1810, Ap
15	189	52.4	221	15	US-10-292-798-1466	Sequence 1466, Ap
16	134	37.1	361	14	US-10-225-567A-682	Sequence 682, App
17	129	35.7	129	15	US-10-276-774-1615	Sequence 1615, Ap
18	121	33.5	356	10	US-09-791-932-70	Sequence 70, Appl
19	76	21.1	140	10	US-09-791-932-93	Sequence 93, Appl
20	45	12.5	45	10	US-09-992-331-27	Sequence 27, Appl
21	45	12.5	45	14	US-10-262-313-27	Sequence 27, Appl
22	45	12.5	45	16	US-10-768-878-27	Sequence 27, Appl
23	44	12.2	44	10	US-09-992-331-20	Sequence 20, Appl
24	44	12.2	44	14	US-10-262-313-20	Sequence 20, Appl
25	44	12.2	44	16	US-10-768-878-20	Sequence 20, Appl
26	43	11.9	206	9	US-09-828-644-116	Sequence 116, App
27	37	10.2	37	10	US-09-992-331-25	Sequence 25, Appl
28	37	10.2	37	14	US-10-262-313-25	Sequence 25, Appl
29	37	10.2	37	16	US-10-768-878-25	Sequence 25, Appl
30	32	8.9	300	14	US-10-077-698-7	Sequence 7, Appli
31	32	8.9	300	14	US-10-075-987-7	Sequence 7, Appli
32	32	8.9	361	13	US-10-086-181-5	Sequence 5, Appli
33	32	8.9	361	14	US-10-077-698-4	Sequence 4, Appli
34	32	8.9	361	14	US-10-171-027-4	Sequence 4, Appli
35	32	8.9	361	14	US-10-075-987-4	Sequence 4, Appli
36	31	8.6	31	10	US-09-992-331-24	Sequence 24, Appl
37	31	8.6	31	14	US-10-262-313-24	Sequence 24, Appl
38	31	8.6	31	16	US-10-768-878-24	Sequence 24, Appl
39	22	6.1	22	14	US-10-171-027-9	Sequence 9, Appli
40	21	5.8	21	10	US-09-992-331-23	Sequence 23, Appl
41	21	5.8	21	14	US-10-116-252-35	Sequence 35, Appl
42	21	5.8	21	14	US-10-116-252-37	Sequence 37, Appl
43	21	5.8	21	14	US-10-262-313-23	Sequence 23, Appl
44	21	5.8	21	16	US-10-768-878-23	Sequence 23, Appl
45	20	5.5	20	14	US-10-116-252-36	Sequence 36, Appl

ALIGNMENTS

RESULT 1
US-09-992-331-2
; Sequence 2, Application US/09992331
; Publication No. US20030022186A1
; GENERAL INFORMATION:
; APPLICANT: FEDER, JOHN N.
; APPLICANT: MINTIER, GABE
; APPLICANT: RAMANATHAN, CHANDRA S.
; APPLICANT: HAWKEN, DONALD R.
; TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPRBMY18,
; TITLE OF INVENTION: EXPRESSED HIGHLY IN PITUITARY GLAND AND COLON CARCINOMA
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: D0048NP
; CURRENT APPLICATION NUMBER: US/09/992,331
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/308,540

; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: 60/261,782
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 60/248,483
; PRIOR FILING DATE: 2000-11-14
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
;   LENGTH: 361
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-992-331-2

  Query Match 100.0%; Score 361; DB 10; Length 361;
  Best Local Similarity 100.0%; Pred. No. 0;
  Matches 361; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy        121 SGSVTILTLAAVSLERMVCIVHLQRGVRGPGRRARAVLLALIWGYSAVAALPLCVFFRVV 180
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Db        121 SGSVTILTLAAVSLERMVCIVHLQRGVRGPGRRARAVLLALIWGYSAVAALPLCVFFRVV 180

Qy        181 PQRLPGADQEISICTLIWPTIPGEISWDVSFVTLNFLVPGLVIVISYSKILQITKASRKR 240
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Qy        361 G 361
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Db        361 G 361
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